



# Bespoke Technology & Enterprise AI Engineering

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Global Operations Hub: G-36, Green Park, South Delhi

Enterprise Standards:



CMMI Level 3



SOC 2 Type II



ISO 27001:2022



CERT-In VAPT Clear

# The Engineering Thesis

## The Operational Vacuum

Traditional software houses write code in a vacuum. They deliver disconnected front-end applications that generate technical debt, fracture data security, and fail to address the core operations of the business.

The result is a reliance on manual administrative bottlenecks and fractured databases.



## The Database Machine

**Technology should support business transformation, not define it.**

We build integrated database machines. We engineer secure, modular systems that connect cognitive intelligence directly with transactional databases, transforming manual bottlenecks into automated, enterprise-scale throughput.

# The Decoupled Architecture

Built on modern, secure frameworks.  
Designed for absolute scale.

## Layer 1: User Experience

### High-Speed Headless CMS & Commerce

Next.js, React & Wagtail CMS

Sub-second page loads, decoupled for maximum security and omni-channel deployment via AWS Cloud Engine and CDN Routing.

## Layer 2: The Logic Engine

### Robust Backend APIs

Python Django / FastAPI & Node.js

The central nervous system. Scalable REST/GraphQL gateways processing complex business logic flawlessly.

## Layer 3: The Foundation

### Relational Database Architectures

PostgreSQL

Unbreakable, ACID-compliant relational data structuring designed for enterprise throughput and multi-tenant isolation.



# Deep ERP Middleware Synchronisation

Enterprise scale requires zero-friction data bridges. We engineer secure middleware that links automated communication nodes directly with your core operational environments, resulting in 70%+ front-office staff deflection.



## Bi-Directional Gateway

Catching customer requests and translating intents in real-time.

## Core Integrations

Direct API handshakes with SAP, Tally, Microsoft Dynamics, and legacy EMR/PMS systems.

## Tokenised Security

AES-256 encryption ensuring HIPAA, GDPR, and DPDP compliance.

## The Handshake

Secure database queries triggering transactional workflows with sub-1.5 second latency.

# Cognitive Intelligence: **aslma™** AI Growth Platform

Our proprietary enterprise AI suite. Limitless scope. Absolute precision.

## Custom Conversational RAG

Retrieval-Augmented Generation trained exclusively on your corporate databases for zero-hallucination, omni-channel customer engagement.

## Autonomous Agent Workflows

Task-oriented AI agents that take over unanswered leads within 60 seconds, qualify prospects, and execute CRM updates 24/7.

## Voice AI Assistants

Human-like conversational voice agents (Seva, Ayu, Disha models) capable of handling complex pricing negotiations and inbound operational queries.

## Text-to-Speech Pipelines

Dynamic, real-time auditory generation for seamless, accessible customer touchpoints over IVR and WhatsApp Business API.

**aslma™ - The Limitless**

# Operational Outcomes Verification

Technology implementations measured strictly on business impact.

|                        | Engineered Solution                | The Architecture                                                                                                                        | Operational Impact                                                           |
|------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Healthcare             | Multi-Tenant SaaS Clinical ERP     | 12 integrated modules spanning diagnostics to billing. Hardware-less rPPG hearing test tool & face-recognition attendance.              | Unified patient records and zero-latency multi-branch stock synchronisation. |
| Financial Services     | CashDash Fintech Engine            | Complete digital lending architecture. Deep KYC integration & API-driven financial product gateways.                                    | 95% latency reduction in transaction processing and document verification.   |
| Government / Logistics | DTC Transport Logistic Rule Engine | Automated fleet and location transfer workflows for Delhi Transport Corporation. Self-adjusting algorithms based on dynamic field data. | Eliminated manual administrative bottlenecks across cross-border logistics.  |

# Resource Governance & Release Framework.

Eliminating ad hoc engineering through ruthless process predictability.



## In-House Elite Talent

**15+ Years of AI & Tech Engineering Expertise** with a **98%** annual partner retention rate.

Deployed by **Senior Solution Architects** (billed at ₹5,000/hr) and certified **Project Managers**.

No outsourced junior dependencies. We provide absolute **architectural oversight** from day one.



## Audited CI/CD Ecosystem

Strict **CMMI Level 3** defined release framework ensuring zero-defect software quality.

Automated **Continuous Integration / Continuous Deployment** pipelines with regression testing.

Governed by continuous **Cloud Security Posture Management** (CSPM) and **SOC 2 Type II attestation**.

# Engagement & Licensing Architecture

Transparent scaling. Proportional to enterprise throughput.

## One-Time Custom Builds

**₹25 Lakh to ₹1 Crore**

- 🔧 End-to-end bespoke enterprise engineering and middleware construction.
- 🔧 Includes structural architecture scope, custom data bridges, and cognitive agent deployment.
- 🔧 Full IP handover and SOC 2 compliant environment setup.

## Monthly Maintenance Partnerships

**₹1.5 Lakh to  
₹3 Lakh / month**

- 🔧 Continuous platform optimisation, security patching, and system updates.
- 🔧 Dynamic scaling of API middleware and AI pipelines based on transaction volume.
- 🔧 24/7 SLA escalation rules with dedicated engineering pods.

# Initiate Your Transformation.

Enterprise architecture requires precision alignment. Step inside our environments and see the database machines in action.



## Book a 10-Minute Diagnostic Walkthrough

- **Founder-to-Founder** consultation.
- **Live access** to our active code sandboxes.
- **Initial mapping** of your operational bottlenecks and legacy databases.

